Appl. No.

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## **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

1. (Currently amended) A dental implant assembly An arrangement for counteracting stress in a portion (17) of an the dental implant assembly, the assembly comprising a dental implant (12) provided with an internal socket (2) extending in said portion, a turning instrument which is configured to engage the internal socket and to turn the dental implant, wherein the turning instrument via which socket (2) the implant can be tightened by means of a turning tool (turning instrument) (11) which has first lateral surfaces (14) that can cooperate with corresponding second lateral surfaces (15) in the internal socket, and wherein characterized by one of both of the following alternatives:

a) one or more of the first and/or second surfaces are provided with means for enhancing friction between the turning instrument and the internal socket; or wherein sides is/are completely or partially arranged with friction enhancing means (28 and/or 29), and

b) the <u>dental</u> implant and the <u>turning instrument comprise tool are arranged with</u> interacting parts (18a, 18b) which extend inside the <u>dental</u> implant and beyond the first and second lateral surfaces, the interacting parts being configured to and are arranged to empletely or substantially take up bending moments <u>between the dental implant and the turning instrument</u> which act in or on said portion (17) or are directed toward said portion and occur in the event of skewing, or a tendency toward skewing, between the implant and the tool (11).

- 2. (Canceled)
- 3. (Currently amended) The <u>dental implant assembly as in claim 1</u>, wherein arrangement as claimed in patent claim 1 or 2, characterized in that, in a cross section through the lateral surfaces, these have non-round geometries (3-8) and, for example, are polygonal.

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- 4. (Currently amended) The <u>dental implant assembly as in claim 1, wherein arrangement as claimed in patent claim 1, 2 or 3, characterized in that the means (28, 29) for enhancing friction between the turning instrument and the internal socket comprises or consists of a friction-enhancing coating on the first lateral surface or surfaces (14) of the tool.</u>
- 5. (Currently amended) The dental implant assembly as in claim 1, wherein arrangement as claimed in patent claim 1, 2, 3 or 4, characterized in that the means (28, 29) for enhancing friction between the turning instrument and the internal socket comprises or consists of a friction-enhancing coating on the second lateral surface or surfaces (25) on the internal socket of the implant.
- 6. (Currently amended) The <u>dental implant assembly as in claim 1</u>, wherein arrangement as claimed in any of patent claims 1 5, characterized in that the means (28, 29) for enhancing friction between the turning instrument and the internal socket comprises consists of a chosen degree of roughness on the lateral surface or surfaces (3-8) concerned.
- 7. (Currently amended) The <u>dental implant assembly as in claim 1</u>, wherein arrangement as claimed in any of patent claims 1-6, characterized in that the interaction between the first and second lateral surfaces (14, 15) is <u>configured designed</u> to take place only when a degree of loading or degree of turning of the <u>dental implant</u> (12) and the <u>turning instrument</u> tool (11) is reached.
- 8. (Currently amended) The <u>dental implant assembly as in claim 1</u>, wherein arrangement as claimed in any of patent claims 1-7, characterized in that the materials, at least in those parts of the implant (12) and tool (11) which interact during turning, are <u>configured to enhance designed themselves to bring about greater</u> friction.
- 9. (Currently amended) The dental implant assembly as in claim 1, wherein arrangement as claimed in any of patent claims 1-8, characterized in that the means (16) for enhancing friction between the turning instrument and the internal socket comprises a consists of or comprises metal nitride and/or metal carbide, e.g. titanium nitride or chromium carbide, applied to the surface or lateral surfaces concerned.
- 10. (Currently amended) The <u>dental implant assembly as in claim 1, wherein arrangement as claimed in any of patent claims 1-9, characterized in that the means (16) for</u>

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enhancing friction between the turning instrument and the internal socket consists of or comprises diamond particles applied to the surface or lateral surfaces concerned.

- 11. (Currently amended) The <u>dental implant assembly as in claim 9</u>, wherein titanium <u>nitride is applied and</u> arrangement as claimed in patent claim 9, characterized in that the stress in or <u>on said portion is between the dental implant and the turning instrument is reduced by up to about ea. 30% when titanium nitride is applied.</u>
- 12. (Currently amended) The <u>dental implant assembly as in claim 1, wherein arrangement as claimed in patent claim lb, characterized in that the part (control part) (18) of the tool extending beyond the first surfaces is <u>about ea.</u> 3 to 5 times longer than the longitudinal <u>length</u> extents of the first lateral surfaces.</u>
- 13. (Currently amended) The <u>dental implant assembly as in claim 1, wherein arrangement as claimed in patent claim lb or 12, characterized in that the part (18) of the tool (11) extending beyond the first surfaces has first and second longitudinally extending parts (18a, lab) with different diameters, the first longitudinally extending part situated next to the first lateral surfaces having the a greater diameter than the second longitudinally extending parts.</u>
- 14. (Currently amended) The <u>dental implant assembly as in claim 13</u>, wherein arrangement as claimed in patent claim 13, characterized in that a bending moment which occurs in the event of skewing, or a tendency toward skewing, between the <u>dental</u> implant and the <u>turning instrument</u> tool places a load on, inter alla, surface areas of the <u>dental</u> implant (12) which are located at the first longitudinal extending part's area nearest to the first lateral surfaces, and the outermost part of the second longitudinally extending part, which bending moment (M, M') is prevented from acting on the portion with the internal socket by virtue of the fact that a slight clearance (23) that is initially present between the first and second lateral surfaces.
- 15. (Currently amended) The <u>dental implant assembly as in claim 14, wherein arrangement as claimed in patent claim 14, characterized in that threads (21'), and the parts of the implant which bear these <u>said</u> threads, also take up said bending moments.</u>